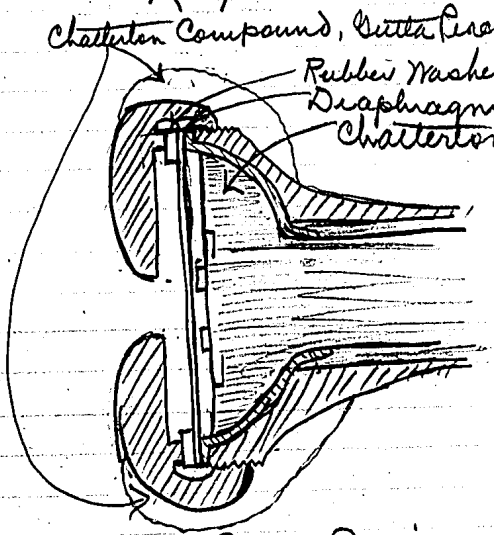
Notebook Series -- Notebooks by Experimenters Other Than Edison
Navy and Wartime Research Experiments -- A. M. Kennedy Books
Notebook, N-Undated.6

This undated notebook was used by Absalom M. Kennedy and another experimenter in March 1917 for notes on work for the U.S. Navy performed under the direction of Edison during World War I. At the beginning of the book are entries by an unidentified experimenter probably relating to submarine illumination. The notes and drawings by Kennedy pertain to three experimental transmitters and three experimental receivers. The front cover is labeled "Description of Transmitters and Receivers (Kennedy)." The pages are unnumbered; 17 pages have been used. Only the entries by Kennedy have been selected.

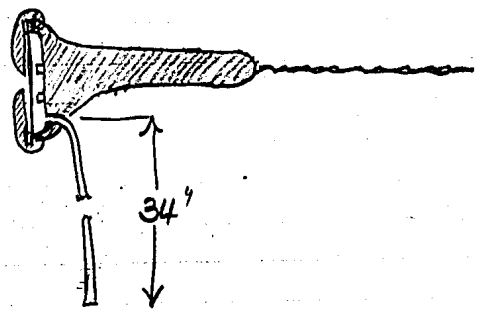
Receivers

R-1



Regular Bell Receiver. Interior filled with Chatterton Compound.
Diaphragm - Regular Bell, .011" x 2 5/16" .015" from magnets
Rubber gasket .010" thick between cap shoulder and diaphragm.
Joint between cap and body bound with Chatterton compound and wrapped with Gutta Percha and Tape to prevent leakage.

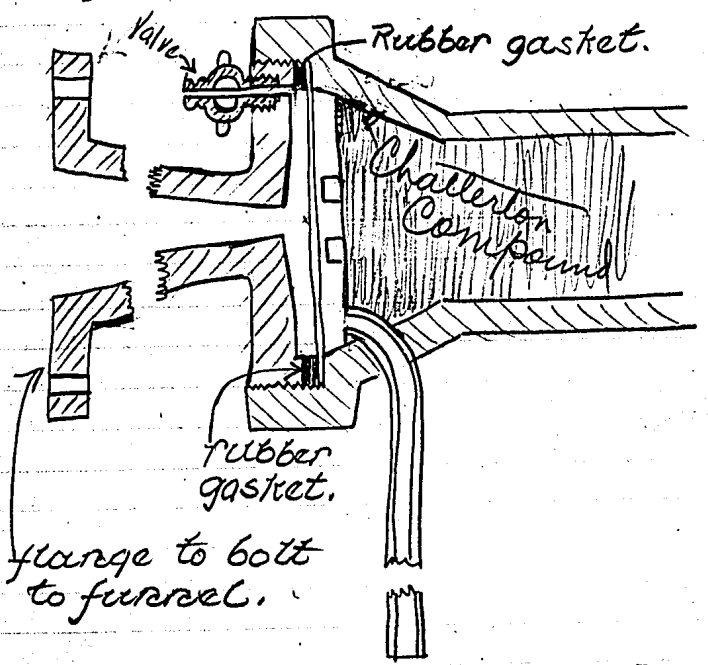
R-2



Same as R-1 but with brass tube 1/4" diameter, 3/4" long connecting inner air chamber to equalize pressure.

R-3.

Brass Receiver for use with funnel.



Electrical and magnetic construction same as #1.

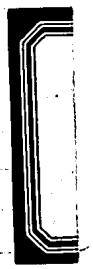
Valve as shown to draw all air from outer chamber.

Valve as shown to equalize pressure by compressing air in inner chamber.

Transmitters

1

Large Blue
Relah Eb
290 modulations per second



CSS

#2

Small Bell
Pitch B
488 vibrations per second.

#3.

Break wheel and receiver.

Break wheel turned by hand. Has 92 teeth.

Receiver, from Stromberg-Carlson 1 Head Set, Watch Case type - .010" diaphragm.

Use as standard 2 cells N18 Storage battery.